

REMARKS

In accordance with the foregoing, claims 17 and 22-26 are amended. No new matter is presented in any of the foregoing and, accordingly, approval and entry of the amended claims are respectfully requested.

Claims 1-26 and 29-30 are pending, with claims 27-28 withdrawn by the Examiner.

ALLOWABLE SUBJECT MATTER

Claim 1-16 are allowed. (Action at page 6).

Claim 30 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. (Action at page 6). However, claim 30 is not rewritten to independent form, since patentability is submitted to reside in the independent claim 29 from which claim 30 depends.

ITEMS 1-2: REJECTION OF CLAIM 17 UNDER 35 U.S.C. §112, FIRST AND SECOND PARAGRAPHS

In item 1, the Examiner rejects claim 17 under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement contending the claim does not mention "where the power-off signal is generated." In item 2, the Examiner rejects claim 17 under 35 U.S.C. §112, second paragraph as the limitations "the printer driving power supply" and "the power-off control signal" without sufficient antecedent basis.

Claim 17 is amended herein to recite "generating a power-off control signal with the printer driving power supply controlling unit," and antecedent basis are provided. Support for the amendment amending is provided for example in paragraphs [0056]-[0057]. Dependent claims 22-26 are amended to correspond to amended claim 17.

Applicants contend that claim 17, as amended, complies with 35 U.S.C. §112, first and second paragraphs and request withdrawal of the rejection.

ITEM 3: REJECTION OF CLAIMS 17-26 AND 29 UNDER 35 U.S.C. §102(a) AS BEING ANTICIPATED BY CHOO ET AL. (US Pat. Pub. 2002/0125867 AL)

The Examiner rejects claims 17-26 and 29 under 35 U.S.C. §102(a) as being anticipated by Choo.

Choo Not Available As Reference

Applicants respectfully point out that the priority date of the present application is July 15, 2002 and is before the publication date of September 12, 2002 of Choo.

Accordingly, the publication of Choo is not available as a reference to be relied on by the

Examiner in a 35 U.S.C. §102(a) rejection and the rejection should be withdrawn and claims 17, 26, and 29 allowed.

Features Not Discussed

Further, Choo does not discuss features recited in the present application's independent claims

Applicants submit that Choo does not discuss, for example, "generating a power-off control signal with the power supply controlling unit" and then this power-off control signal generated by element 210 cited by the Examiner then being transmitted to the printer driving power supply, to turn off the printer driving power supply.

Rather, as the Examiner indicates Choo merely discusses "light signal emitted from PhD2 is received by the photocoupler PhQ2 to provide an OFF signal to pin P5 of the controller 210 to turn off the output P3." (Action at page 3).

In addition, Choo does not discuss element 210, cited by the Examiner, generating a power on control signal predetermined printing command.

Summary

Since Choo is not available as a reference for a 35 U.S.C. §102(a) rejection, and recited features are not discussed by any art relied on by the Examiner, the rejection should be withdrawn and the claims 17-26 and 29 allowed.

ITEM 4: REJECTION OF CLAIM 17 UNDER 35 U.S.C. §103(a) AS BEING UNPATENTABLE OVER MAJID ET AL. (U.S.P. 5,995,384) IN VIEW OF NISHITA ET AL. (U.S.P. 6,529,392)

Claim 17 is rejected under 35 U.S.C. §103(a) as being unpatentable over Majid in view of Nishita.

Claim 17, as amended recites a method of controlling power, which is provided in a printer and which receives power from an external power supply, and to generate a voltage for driving the printer, a printer driving power supply controlling unit which controls a printer driving power supply, and a switch including "generating a switch-on signal in response; transmitting the switch-on signal to the printer driving power supply controlling unit; generating a power-off control signal with the power supply controlling unit; and transmitting the generated power-off control signal to the printer driving power supply, to turn off the printer driving power supply."

The Action concedes that Majid does not discuss that a device is printer. However, the Examiner contends that it would have been obvious to modify Majid with Nishita.

As provided in MPEP §2143.03 "To establish *prima facie* obviousness of a claimed invention, all the claim limitations must be taught or suggested by the prior art. *In re Royka*, 490 F. 2d 1981, (CCPA 1974)."

The Examiner contends that Majid the controller IC illustrated in FIG. 2 discusses a device driving power supply controlling unit.

Applicants respectfully submit that none of the art relied on by the Examiner, either alone or in combination discuss generating a power-off control signal with the power supply controlling unit (*arguendo* controller IC) then transmitting this generated power-off control signal to the printer (*arguendo* device) driving power supply, to turn off the printer (*arguendo* device) driving power supply.

Rather, the Examiner indicates that a signal is transmitted by "light signal emitted from D14 is received by the Tr12 to stop the Tr11 from switching. As a result, transformer TR ceases transferring energy." (Action at page 5).

Summary

Since *prima facie* obviousness is not established, the rejection should be withdrawn and the claim 17 allowed.

CONCLUSION

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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